

DO NOT LOG IN JUST
MAKE A FOLDER FOR
DATA SET S.F.1752

CHAIN OF CUSTODY RECORD

5-6305

CHAIN OF CUSTODY RECORD

Distribution: White — Accompanies Shipment; Pink — Coordinator Field Files; Yellow — Laboratory File

5-6305

CHAIN OF CUSTODY RECORD

PROJ. NO.		PROJECT NAME				NO. OF CON- TAINERS	REMARKS												
SAMPLERS: (Signature)																			
STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION														
Q	7/8/82				GIZZARD SHED 1300 EXAMS	1	Superfund 1752 82 OF 02501												
Q	7/23/82				CARP	1	82 OF 02502 (1.9 kg)												
Q	7/23/82				CARP	1	82 OF 02503 (3.8 kg) } White fish												
Q	7/23/82				CARP	1	82 OF 02504 (2.5 kg)												
Q	7/23/82				CARP	1	82 OF 02505 (5.0 kg) } Large fish												
Q	7/23/82				CARP	1	82 OF 02506 (4.7 kg) } fillet												
Q	7/23/82				CARP	1	82 OF 02507 (3.0 kg) } Small fish												
Q	7/23/82				CARP	1	82 OF 02508 (3.0 kg) } fillet												
Q	7/23/82				CARP	1	82 OF 02509 (3.6 kg) } Large whole												
Q	7/23/82				CARP	1	82 OF 02510 (4.7 kg) } fish												
Q	7/23/82				CARP	1	82 OF 02511 (4.4 kg) }												
Relinquished by: (Signature)						Date / Time	Received by: (Signature)						Date / Time	Received by: (Signature)					
Relinquished by: (Signature)						Date / Time	Received by: (Signature)						Date / Time	Received by: (Signature)					
Relinquished by: (Signature)						Date / Time	Received for Laboratory by: (Signature)						Date / Time	Remarks					

Distribution: White — Accompanies Shipment; Pink — Coordinator Field Files; Yellow — Laboratory File

5-6305

USEPA

Superfund 1752

DELIVERED TO DR. C. RUSS
7-30-82 5:20 PM FDM 6420
BY R. HESS. *[Signature]* 7/30/82

CONTAMINANT STATION SUMMARY REPORT SHEET (3 Copies Required)

Name of Water: LAKE MICHIGAN Station ID Code Q (WAUKEGAN HARBOR)
(see back of form)

Date of Collection: 07 / 23 / 82 Biologist: P. VIDAL
Month / Day / Year

whole fish

Composite Sample Number (1)

Species: CARP

(10) Weights of individual fish used in composite: 4.7, 1.9, 3.8, 2.5, 3.6, 5.0, 4.4, 3.0, 3.6, 4.9 (Kg)

Composite Sample Number (6)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (2)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (7)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (3)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (8)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (4)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (9)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (5)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (10)

Species: _____

Weights of individual fish used in composite: _____

Distribution: District, Central, 1 copy in plastic bag with all station composite samples to laboratory.

Superfund 1752 USEPA

Picked up by USEPA

7-29-82

FDM 6420

William Sugant Jr. 3:15 p.m.

CONTAMINANT STATION SUMMARY REPORT SHEET (3 Copies Required)

Name of Water: LAKE MICHIGAN Station ID Code Q (WAUKEGAN HARBOR)
(see back of form)

Date of Collection: 07 / 08 / 82
Month / Day / Year

Biologist: R. HESS

Whole Fish

Composite Sample Number (1)

(1) Species: Gizzard Shad

Weights of individual fish used in composite: 1300 gm

Composite Sample Number (6)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (2)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (7)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (3)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (8)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (4)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (9)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (5)

Species: _____

Weights of individual fish used in composite: _____

Composite Sample Number (10)

Species: _____

Weights of individual fish used in composite: _____

Distribution: District, Central, 1 copy in plastic bag with all station composite samples to laboratory.

They need to get out of the CRL ASAP

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 4 AUG 1982

SUBJECT: Fish Samples from Waukegan Harbor Delivered by The Illinois Department of Conservation on July 30th

FROM: Howard Zar, Chief
Technical Unit, Technical Analysis Section

Curtis Ross, Director
TO: Central Regional Laboratory

A.J. Rutter's memo of July 13, 1982 requested chemical analysis of the subject samples in 30 days (copy attached). I was to advise you of further details.

Please implement the following approach as recommended by Pete Redmon, based on his consultation with Richard Hess of the Illinois Department of Conservation and Chick Steiner.

From the group of four 20 lb carp and eight or so smaller carp delivered by the Illinois Department of Conservation, perform analysis of the following four composite samples:

- 1 - 2 of the 20 lb carp as whole fish
- 2 - 2 of the 20 lb carp as filets
- 3 - 4 (or so) of the smaller carp as whole fish
- 4 - 4 (or so) of the smaller carp as filets

Total of 4 fish

Attachment

- 1) Steiner
- 2) Sargent
- 3) Ely

cc: P. Redmon
C. Steiner
J. Frumm
A. Rutter

Young

- 1) Steiner coordinate grinding
- 2) Ely coordinate VIAR
- 3) Frye coordinate PCBs
at CRL + PCB Isomers
with Stallings
- 4) Sargent shipping

Steiner: Prepare the above fish as indicated

- ② Ely arrange to get fish shipped out for Dioxins *furans PPT level on one aliquot 1 2378 specific + other class*
- ③ Frye run PCBs on an aliquot
- ④ Send an aliquot from each sample to Stallings for PCB Isomers

JUL 13 1982

Analysis of Waukegan Harbor Fish Samples

Anthony J. Rutter
On-Scene Coordinator

Curtis Ross, Director
Central Regional Laboratory

My memoranda of March 30, 1982, April 8, 1982 (attached) requested analyses of 1980 and 1981 fish samples from Waukegan Harbor for PCDF, PCDD, AND PCB isomers. As less of these samples are available than foreseen, we propose to use fish now being obtained by the Illinois Department of Conservation. These samples are expected on or about July 10th. Please analyze these samples for:

PCBs - Approximately 12 samples

PCDDs, PCB isomers, PCDF - to the extent permitted by your current arrangements.

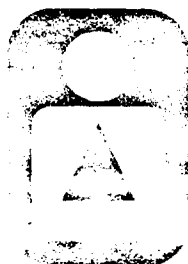
Howard Zar will discuss further details with you when we know the specific samples obtained. A 30 day turn around would be appreciated.

The State has requested USEPA to pick up the samples. Please have some one contact Richard Hess, IDOC, Waukegan to make arrangements.

cc *Howard Zar* 5AP

Patti/Frumin 5RC

Illinois



Department of Conservation

Life and Land Together

605 WM. G. STRATTON BUILDING • 400 SOUTH SPRING STREET • SPRINGFIELD 62769
CHICAGO OFFICE - ROOM 100, 160 NO. LASALLE 60601

David Kenney, Director • James C. Halfpelt, Assistant Director

SF 1752

Stinner FYI
& file

Data
File OMC
with Fish
Data
Set

(see Sargent)

Howard Zar
USEPA
230 S. Dearborn
Chicago, Ill. 60604

RECEIVED

August 4, 1982

AUG 9 1982

US EPA CENTRAL REGIONAL LAB.
536 S. CLARK STREET
CHICAGO, ILLINOIS 60605

Dear Mr. Zar,

I have been informed by the individuals who collected the carp for your agency from Waukegan Harbor, that they were collected from the boat docking area adjacent to the launching ramps in the southwest corner of the harbor. The carp were collected by electro-shocking, employing a 230 volt, 3 phase AC generator connected to 3 copper-clad electrodes about 6 feet in length. The electro-fishing was carried out for a period of one hour, and the fish were then placed in a chest-type freezer located at Illinois Beach State Park in Zion, Illinois (about 10 miles north of Waukegan Harbor). The fish remained in the freezer from July 23 until July 30 when they were delivered to the Central Regional Laboratory in Chicago.

The gizzard shad was collected from slip #1 in Waukegan Harbor on July 8 and remained in our freezer until July 29 when it was turned over to William Sargent Jr. of the Central Regional Lab. The gizzard shad was collected in a monofilament gill net set overnight in the slip.

Sincerely,

Richard Hess
Ill. Dept. of Cons.
Lake Michigan Program
P.O. Box 872
Waukegan, Ill. 60085

312/662-6464

cc to C. Ross, C. Stinner, P. Redman, J. Fromm, D. Devault, 8/5/82-AZ

2-Way Memo

Subject: Holding of OMC Fish Samples

To : Files

INSTRUCTIONS

Use routing symbols whenever possible.

SENDER (Originator of message):

Use brief, informal language.

Conserve space.

Forward original and one copy.

RECEIVER (Replier to message):

Reply below the message, keep one copy, return one copy.

DATE OF MESSAGE

8/27/82

ROUTING SYMBOL

SIGNATURE OF ORIGINATOR

Charles J. Elly

TITLE OF ORIGINATOR

Chief, Inspection

FOLD

INITIAL MESSAGE

On 8/17/82, Howard ZAR called and said that the U.S. Attorney requested that we hold the fish samples which were to be analyzed for Dioxins, PCB's and by Stallings. So I instructed Bill Sargent to keep the fish in the freezer until further notice. And I notified VIX to keep the case open (SAS242E) until after I get back from vacation (9/7/82).

REPLY MESSAGE

CC. Young
FRZE
Steiner
Sargent

From :

DATE OF REPLY

ROUTING SYMBOL

SIGNATURE OF REPLIER

TITLE OF REPLIER